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**UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Case No. 99-481-A)

**In the Application of:**

Attenborough et al.

Serial No. 10/798,996

Filed: March 11, 2004

**For: Spin-Valve Structure and Method for Making Spin-Valve Structures**

Group Art Unit: 2652

Examiner: To be assigned

## TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In regard to the above identified application:

1. We are transmitting herewith the attached:

1. Supplemental Information Disclosure Statement
2. PTO Form 1449
3. Cited References
4. Return Postcard

- 2. With respect to additional fees:**

- A.   X   No additional fee is required.  
 B.        Attached is a check in the amount of \$0-.  
 C.        Charge the total additional fee of \$100.00 to our Deposit Account  
 No. **13-2490**.

3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.

**4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia, 22313-1450 on this **7** day of September, 2004.

Respectfully submitted,  
McDonnell Boehnen Hulbert & Berghoff LLP

By:

Paul W. Churilla  
Reg. No. 47,495



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Group Art Unit: 2652

Examiner: TBD

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references and information of record in the above-identified application. The references are also listed in the PTO-1449 form enclosed herewith. It is requested that the references and information be given careful consideration and that it be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application. Copies of the cited references are enclosed. Additional prior art cited in the European Search Report for EP 99 87 0144 are not enclosed as they should be of record as previously submitted in the Information Disclosure Statement of March 2004.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims. No representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references

have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. §§ 102 or 103.

### **CITED REFERENCES**

#### **Foreign Patents**

1. Published PCT application, publication no. WO 98/20496, published 14 May 1998.
2. Published PCT application, publication no. WO 97/41601, published 6 November 1997.
3. Published PCT application, publication no. WO 94/15223.

#### **Other Documents**

1. European Search Report for Application No. EP 99 87 0144 for Interuniversitair Microelektronica Centrum VZW et al., dated 13 July 2004.

### **CERTIFICATE PURSUANT TO 37 C.F.R. 1.97(e)(1)**

The undersigned states that each item of information contained in this Statement was cited in a communication from a foreign office in a counterpart foreign application not more than three months prior to the filing of this Statement.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: Sept. 7, 2004

By:



Paul W. Churilla  
Reg. No. 47,495

FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

Serial No.

99-481-A

10/798,996

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)



Applicant:  
Attenborough et al.

Filing Date:  
03/11/04

Group:  
2652

FOREIGN PATENT DOCUMENTS

		Document Number							Date	Country	Class	Subclass	Translation	
													Yes	No
		WO	98	2	0	4	9	6	14/05/98	PCT				
		WO	97	4	1	6	0	1	06/11/97	PCT				
		WO	94	1	5	2	2	3	07/07/94	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

			European Search Report for Application No. EP 99 87 0144 for Interuniversitair Microelektronica Centrum VZW et al., dated 13 July 2004.
EXAMINER			DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.